

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 October 2001 (25.10.2001)

PCT

(10) International Publication Number
WO 01/79170 A2

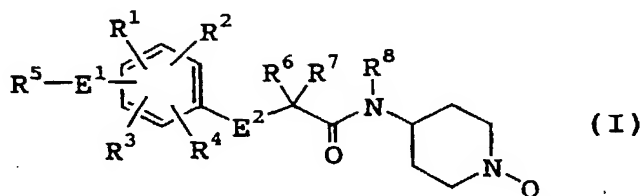
- (51) International Patent Classification⁷: C07D 211/00 617-0812 (JP). MURAYAMA, Norihito [JP/JP]; 9-5-507, Yamazaki 1-chome, Shimamoto-cho, Mishima-gun, Osaka 618-0001 (JP).
- (21) International Application Number: PCT/JP01/03198
- (22) International Filing Date: 13 April 2001 (13.04.2001) (74) Agent: KUSAMA, Osamu; KUSAMA PATENT OFFICE, 7F, Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).
- (25) Filing Language: English
- (26) Publication Language: English (81) Designated States (national): AU, CA, CN, HU, JP, KR, US.
- (30) Priority Data: 2000-112100 13 April 2000 (13.04.2000) JP (84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
- (71) Applicant (for all designated States except US): SUNTORY LIMITED [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): TAKEMOTO, Naohiro [JP/JP]; 4-5-305, Nishichujo-cho, Ibaraki-shi, Osaka 567-0887 (JP). ANNOURA, Hirokazu [JP/JP]; 16-8, Kitashinotani, Chohoji, Nagaokakyo-shi, Kyoto

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: AMINOPHENOXYACETAMIDE DERIVATIVES AND PHARMACEUTICAL COMPOSITION CONTAINING THEREOF



(57) Abstract: There is provided an aminophenoxyacetamide derivative of the formula (I): wherein, R¹ to R⁴ are, independent from each other, hydrogen atom; optionally substituted alkyl group; E¹ is -NR⁴- and E² is oxygen atom or -NR¹⁰; Q is group -X-Y-Q' (X and Y are connecting bond; X is alkylene or alkenylene group, etc.; Y is selected from the groups consisting of C=O, NHC(=O), C(=O)NH, etc.; Q' is hydrogen atom or phenyl, pyridyl groups which

may be substituted, etc.), or a pharmaceutically acceptable salt thereof. These compounds have neuroprotective effect by introducing the CalbindinD-28k, one of Ca²⁺-binding proteins.11

WO 01/79170 A2